0156	Please type a plus sigi	n (+) inside this box	→ []			HDP/SE	3/21 based on PTO/SB/21 (08-00)
OCT 4 8 2003	#						
FARADEUNY	E TOAN	SMITTAL		Applic	ati n Numb r	10/619	216
A WASERUB	INAN		•	Filing	Date	July 14	, 2003
	F'	ORM		First N	lamed invent r	Verard,	et al.
	(to be used for all corr	respondence after ir	nitial filing)	Group	Art Unit	To Be /	Assigned
				Exami	ner Name	To Be /	Assigned
•	Total Number of Pages	in This Submission		Attorne	ey Docket Number	5074A-	000060/CPA
			ENCLO	SURES	(check all that apply)		
•	Fee Transmittal Fo	orm		ment Pap Application		Afte Gro	r Allowance Communication to up
	Fee Attached		☐ Drawin	g(s)			eal Communication to Board of eals and Interferences
	Amendment / Resp	oonse		_	d Papers		eal Communication to Group eal Notice, Brief, Reply Brief)
	After Final		Petition			Prop	orietary Information
	Affidavits/decla	aration(s)		to Conv onal Appl		Status Letter	
	Extension of Time	Request	Power of Attorney, Revocation Change of Correspondence Address		Other Enclosure(s) (please identify below):		
	Express Abandonn	nent Request		al Disclai			1449 Form (15 sheets); return postcard.
		sure Statement		mber of (			
•	Certified Copy of Priority Document(s)		Pomorko additional fees that		is hereby authorized to charge any may be required under 37 CFR 1.16 or 1.17 No. 08-0750. A duplicate copy of this		
	Response to Missin Incomplete Applica		· · · · · · · · · · · · · · · · · · ·				
	Response to M Parts under 37 1.52 or 1.53						
		SIGNA	TURE OF A	PPLICA	ANT, ATTORNEY, C	R AGENT	T
	Firm <i>or</i> Individual name	Harness, Dickey &	Pierce, P.L.0		orney Name hard W. Warner		Reg. No. 38,043
	Signature	for	r. w.				
	Date	Oct. 2,	2003				
ĺ		С	ERTIFICAT	E OF M	AILING/TRANSMIS		
	I hereby certify that this addressed to: Director transmitted to the U.S.	or of the U.S. Pate	ent and Trac	lemark C	Office, P.O. Box 1450.	tal Service a Alexandri	as first class mail in an envelope a, VA 22313-1450, or facsimile
	Typed or printed name					*****	
(	Signature	py o	er, er	2		Date	Cx. 2, 200)



#### IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application No.:

10/619,216

Filing Date:

July 14, 2003

Applicant:

Hunter, et al.

Group Art Unit:

3739

Examiner:

To Be Assigned

Title:

NAVIGATION SYSTEM FOR CARDIAC THERAPIES

Attorney Docket:

5074A-000060/CPA

Director of the United States Patent and Trademark Office P.O. Box 1450 Alexandria, VA 22313-1450

#### **INFORMATION DISCLOSURE STATEMENT**

Sir:

Pursuant to 37 C.F.R. §§ 1.56, 1.97 and 1.98, Applicant hereby submits an Information Disclosure Statement for consideration by the Examiner.

#### I. <u>LIST OF PATENTS, PUBLICATIONS, AND OTHER INFORMATION</u>

The patents, publications and other information requested to be considered by the Office (except unpublished U.S. patent applications) are listed on Form 1449 attached hereto.

#### II. COPIES

- A. \_\_\_ Submitted herewith is a legible copy of (i) each U.S. patent application publication and U.S. and foreign patent; (ii) each publication or that portion which caused it to be listed; (iii) for each cited pending U.S. application, the application specification including the claims, and any drawing of the application which caused it to be listed including the claims directed to that portion; and (iv) all other information or that portion which caused it to be listed.
- B. X Any patents, publications or other information which are listed on Form 1449 or on the copies of PTO-892, but which are not enclosed herewith, were previously cited by or submitted to the PTO in one of the following applications which has been relied upon for an earlier filing date under 35 U.S.C. § 120:

#### U.S. Serial Number 10/299,969

U.S. Filing Date
November 19, 2002

7.5.255,255
CBecause the present application was/is being filed after June 30, 2003, no copies of the U.S. patents or U.S. patent application publications which are listed on the attached Form 1449 are enclosed pursuant to the waiver of 37 C.F.R. § 1.98(a)(2)(i). Any foreign patent documents or non-patent literature listed on the attached Form 1449 are enclosed herewith.
DThis is a PCT application in the entry of the National Phase in the United States. A copy of the International Search Report is attached for the Examiner's information. The documents listed on the International Search Report are listed on the attached Form-1449 for consideration by the Examiner and for listing on any patent resulting from this application. Since the International Search Report was from the US, EPO, or JPO search authorities, copies of these references should have been supplied to the USPTO under the trilateral agreement and are believed to be in the file of the above-identified application. (MPEP 1893.03(g))
CONCISE EXPLANATION OF THE RELEVANCE (check at least one box)
A Except as may be indicated below in (B), all of the patents, publications or other information are in the English language (concise explanation not required).
B A concise explanation of the relevance of each patent, publication or other information listed that is not in the English language is as follows (see 37 C.F.R. § 1.98(a)(3)):
<ol> <li>See the attached foreign patent office communication from a counterpart foreign application:</li> <li>Z. <u>X</u> English translations are provided for: WO 88/09151 Abstract, WO 91/04711 Abstract, EP 0 581 704 B1</li> </ol>
equivalent to U.S. 5,447154, French 2417970 equivalent to U.S. 4,418,422.  3. X Other:
German Patent DE 3042343A1 appears to disclose a system for locating an object in space.
An English Abstract or translation is provided for Other Documents reference designations 39, 44, and 59.
Other Documents reference designation 53, Sautot "Vissag PEDICULAIRE ASSISTE PARORDINATEUR" appears to disclose a fluoroscopic image guidance system.
C The following additional information is provided for the Examiner's consideration.

Serial No. 10/619,216

III.

IV.	CROSS REFERENCE	TO RELATED APPLICATION	<u>DN(S)</u>	
	contain(s) subject ma bringing this(these)	is advised that the follow tter that may be related to application(s) to the Exan e confidentiality provisions of	o the present application. niner's attention, Applican	Вy
	Serial No.	Filing Date	Art Unit	
V.	THIS IDS IS BEING FI	LED UNDER		
	A. <u>X</u> 37 C.F.R. § 1.9	7(b): (check only one box)		
	than a continue	ree months of the filing date ed prosecution application fee or certification is require	under § 1.53(d) (37 C.F.F	ther R. §
	2 within th forth in §1.491 if fee or certification	ree months of the date of er n an international applicatio on is required.	ntry of the national stage as n (37 C.F.R. § 1.97(b)(2)).	set No
	1.97(b)(3)). No Office Action o under 37 C.F.F 1.97(e) below;	e mailing of a first Office Actories fee or certification is required the merits has been issued. § 1.97(c) and see the cor, if no certification has been the amount of \$180.00	ired. In the event that a used, please consider this ertification under 37 C.F.F. een made, charge our dep	first IDS R. § osit
	<ol> <li>4 before the for continued exists its required.</li> </ol>	ne mailing of a first Office Accamination under 37 C.F.R.	etion after the filing of a requ § 1.114. No fee or certifica	iest tion
	B 37 C.F.R. § 1.9	7(c): (check only one box)		
	<ul> <li>before the ma</li> <li>§ 1.113, a Notice</li> <li>otherwise closes</li> </ul>	iling date of either any Final ce of Allowance under 37 C. s prosecution.	Office Action under 37 C.F F.R. § 1.311, or an action t	₹.R. that
	1 No certi required by 37 (	fication; therefore, a fee i C.F.R. § 1.17(p).	n the amount of \$180.00	) is
	2 See the	certification below. No fee is	s required.	

#### C. \_\_\_\_ 37 C.F.R. § 1.97(d):

- after the mailing date of either a Final Office Action under 37 C.F.R. § 1.113 or a Notice of Allowance under 37 C.F.R. § 1.311, yet on or before payment of the issue fee.
- 1. \_\_\_\_ See the certification below. A fee in the amount of \$180.00 is required by 37 C.F.R. § 1.17(p).

#### VI. CERTIFICATION UNDER 37 C.F.R. § 1.97(e): (check only one box)

The undersigned hereby certifies that:

- A.\_\_\_each item of information contained in this IDS was first cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this IDS (See 37 C.F.R. § 1.97(e)(1)). See further statement under 37 C.F. R. 1.704(d) below in section VII, if applicable; or
- B. \_\_\_\_ no item of information contained in this IDS was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the undersigned after making reasonable inquiry, no item of information contained in this IDS was known to any individual designated in 37 C.F.R. § 1.56(c) more than three months prior to the filing of this IDS (See 37 C.F.R. § 1.97(e)(2)).
- C.\_\_\_Some of the items of information were first cited in a communication from a foreign patent office. As to this information, the undersigned hereby certifies that each item of information contained in this IDS was cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this IDS. As to the remaining information, the undersigned hereby certifies that no item of this remaining information contained in this IDS was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the undersigned after making reasonable inquiry, no item of information contained in this IDS was known to any individual designated in 37 C.F.R. § 1.56(c) more than three months prior to the filing of this IDS.

#### VII. STATEMENT UNDER 37 CFR 1.704(d)

The undersigned hereby states that:

\_\_\_\_ each item of information contained in this IDS was cited in a communication from a foreign patent office in a counterpart application and this communication was not received by any individual designated in 37 C.F.R. 1.56(c) more than thirty days prior to the filing of this IDS.

#### VIII. PAYMENT OF FEES (check only one box)

- A. A check in the amount of \$180.00 is enclosed for the above-identified fee.
- B. \_\_\_\_ Please charge Deposit Account No. 08-0750 in the amount of \$180.00 for the above-indicated fee. A duplicate copy of this paper is attached.

The above references are being cited only in the interest of candor and without any admission that they constitute statutory prior art, contain matter which anticipates the invention, or which would render the same obvious, either singly or in combination, to a person of ordinary skill in the art. Furthermore, this Information Disclosure Statement shall not be construed as a representation that a search has been made.

If it is determined that this IDS has been filed under the wrong rule, the PTO is requested to consider this IDS under the proper rule (with a petition if necessary) and charge the appropriate fee to Deposit Account No. 08-0750.

Please charge any additional fees or credit any overpayment pursuant to 37 C.F.R. § 1.16 or § 1.17 to Deposit Account No. 08-0750.

Respectfully submitted,

Dated: Oct. 2,2003

Richard W. Warne

Reg. No. 38,043

HARNESS, DICKEY & PIERCE, P.L.C. P.O. Box 828
Bloomfield Hills, Michigan 48303 (248) 641-1600

OCT 0 8 2003

FORM HDP-1449 (Based on Form PTO-1449)

## PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)

Sheet 1 of 15

SERIAL NO.
10/619,216
GROUP
To Be Assigned

U.S. PATENT DOCUMENTS						
Ref. Desig.	Examiner's Initials	Document Number	Date	Name	Class/ Subclass	(If appropriate) Filing Date
1.		Re. 35,025	08/1995	Anderton		
2.		1,576,781	03/1926	Phillips		
3.		1,735,726	11/1929	Bornhardt		
4.		2,407,845	09/1946	Nemeyer		
5.		2,650,588	09/1953	Drew		
6.		2,697,433	12/1954	Sehnder		
7.		3,016,899	01/1962	Stenvall		
8.		3,017,887	01/1962	Heyer		
9.		3,061,936	11/1962	Dobbeleer		
10.		3,073,310	01/1963	Mocarski		
11.		3,294,083	12/1966	Alderson		
12.		3,367,326	02/1968	Frazier		
13.		3,577,160	05/1971	White		
14.		3,702,935	11/1972	Carey et al.		
15.		3,704,707	12/1972	Halloran		
16.		3,941,127	03/1976	Froning		
17.		4,037,592	07/1977	Kronner		
18.		4,052,620	10/1977	Brunnett		
19.		4,117,337	09/26/1978	Staats		
20.		4,202,349	05/1980	Jones		
21.		4,358,856	11/09/1982	Stivender et al.		

Examiner:	Date Considered:
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## PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE CITATION

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ATTORNEY DOCKET No.	SERIAL NO.
5074A-000060/CPA	10/619,216
APPLICANT	
Verard, et al.	
FILING DATE	GROUP
July 14, 2003	To Be Assigned

U.S. P	ATENT DO	CUMENTS				
Ref. Desig.	Examiner's Initials	Document Number	Date	Name	Class/ Subclass	(If appropriate) Filing Date
22.		4,368,536	01/1983	Pfeiler		
23.		4,403,321	09/1983	DiMarco		
24.		4,418,422	11/1983	Richter et al.		
25.		4,485,815	12/1984	Amplatz		
26.		4,543,959	10/01/1985	Sepponen		
27.		4,621,628	11/1986	Bludermann		
28.		4,625,718	12/1986	Olerud et al.		
29.		4,651,732	03/24/1987	Frederick		
30.		4,653,509	03/1987	Oloff et al.		
31.		4,706,665	11/17/1987	Gouda		
32.		4,722,056	01/26/1988	Roberts et al.		
33.		4,722,336	02/1988	Kim et al.		
34.		4,727,565	02/23/1988	Ericson		
35.		4,737,921	04/12/1988	Goldwasser et al.		
36.		4,750,487	06/1988	Zanetti		
37.		4,771,787	09/20/1988	Wurster et al.		
38.		4,791,934	12/20/1988	Brunnett		
39.		4,797,907	01/1989	Anderton		
40.		4,803,976	02/1989	Frigg et al.		
41.		4,821,206	04/11/1989	Arora		

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## PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE CITATION

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ATTORNEY DOCKET NO.	SERIAL NO.
5074A-000060/CPA	10/619,216
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U.S. PATENT DOCUMENTS						
Ref. Desig.	Examiner's Initials	Document Number	Date	Name	Class/ Subclass	(If appropriate) Filing Date
42.		4,845,771	07/1989	Wislocki et al.		
43.		4,905,698	03/1990	Strohl, et al.		
44.		4,991,579	02/12/1991	Allen		
45.		5,013,317	05/1991	Cole et al.		
46.		5,027,818	07/02/1991	Bova et al.		
47.		5,030,222	07/1991	Calandruccio et al.		
48.		5,031,203	07/1991	Trecha		
49.		5,042,486	08/1991	Pfeiler, et al.		
50.		5,059,789	10/22/1991	Salcudean		
51.		5,079,699	01/07/1992	Tuy et al.		
52.		5,094,241	03/10/1992	Allen		
53.		5,097,839	03/24/1992	Allen		
54.		5,107,839	04/28/1992	Houdek et al.		
55.		5,107,843	04/1992	Aarnio, et al.		
56.		5,118,845	09/2000	Simon, et al.		
57.		5,119,817	06/09/1992	Allen		
58.		5,142,930	09/01/1992	Allen et al.		
59.		5,178,164	01/12/1993	Allen		
60.		5,178,621	01/1993	Cook et al.		
61.		5,186,174	02/1993	Schlondorff et al.		

Examiner:	Date Considered:

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## PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE CITATION

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ATTORNEY DOCKET No.	SERIAL NO.
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U.S. PATENT DOCUMENTS						
Ref. Desig.	Examiner's Initials	Document Number	Date	Name	Class/ Subclass	(If appropriate) Filing Date
62.		5,198,877	03/30/1993	Schulz		
63.		5,211,164	05/18/1993	Allen		
64.		5,211,165	05/1993	Dumoulin, et al.		
65.		5,212,720	05/1993	Landi et al.		
66.		5,219,351	06/1993	Teubner et al.		
67.		5,233,990	08/1993	Barnea		
68.		5,249,581	10/1993	Horbal et al.		
69.		5,251,127	10/1993	Raab		
70.		5,295,483	03/22/1994	Nowacki et al.		
71.		5,305,203	04/1994	Raab		
72.		5,309,913	05/10/1994	Kormos et al.		
73.		5,320,111	06/1994	Livingston		
74.		5,333,168	07/1994	Fernandes et al.		
75.		5,368,030	11/29/1994	Zinreich et al.		
76.		5,383,454	01/24/1995	Bucholz		
77.		5,389,101	02/1995	Heilbrun et al.		
78.		5,399,146	03/21/1995	Nowacki et al.		
79.		5,400,384	03/1995	Fernandes et al.		
80.		5,402,801	04/04/1995	Taylor		
81.		5,408,409	04/1995	Glassman et al.		

Examiner:	Date Considered:	

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### PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE CITATION

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U.S. PATENT DOCUMENTS						
Ref. Desig.	Examiner's Initials	Document Number	Date	Name	Class/ Subclass	(If appropriate) Filing Date
82.		5,426,683	06/1995	O'Farrell, Jr., et al.		
83.		5,426,687	06/1995	Goodall et al.		
84.		5,427,097	06/1995	Depp		
85.		5,444,756	08/1995	Pai et al.		
86.		5,446,548	08/1995	Gerig et al.		
87.		5,447,154	09/05/1995	Cinquin et al.		
88.		5,448,610	09/1995	Yamamoto et al.		
89.		5,478,341	12/1995	Cook et al.		
90.		5,478,343	12/1995	Ritter		
91.		5,483,961	01/16/1996	Kelly et al.		
92.		5,490,196	02/06/1996	Rudich et al.		
93.		5,494,034	02/27/1996	Schlondorff et al.		
94.		5,494,034	02/1996	Schlondorff et al.		
95.		5,503,416	04/1996	Aoki et al.		
96.		5,515,160	05/07/1996	Schulz et al.		
97.		5,517,990	05/21/1996	Kalfas et al.		
98.		5,531,227	07/02/1996	Schneider		
99.		5,531,520	07/02/1996	Grimson et al.		
100.		5,568,809	10/29/1996	Ben-haim		
101.		5,571,083	11/1996	Lemelson		

Examiner:	Date Considered:

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### PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE CITATION

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ATTORNEY DOCKET NO.	SERIAL NO.		
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U.S. P	U.S. PATENT DOCUMENTS					
Ref. Desig.	Examiner's Initials	Document Number	Date	Name	Class/ Subclass	(If appropriate) Filing Date
102.	_	5,572,999	11/12/1996	Funda et al.		
103.		5,583,909	12/1996	Hanover		
104.		5,588,430	12/31/1996	Bova et al.		
105.		5,592,939	01/1997	Martinelli		
106.		5,596,228	01/1997	Anderton et al.		
107.		5,603,318	02/1997	Heilbrun et al.		
108.		5,617,462	04/1997	Spratt		
109.		5,617,857	04/08/1997	Chader et al.		
110.		5,619,261	04/1997	Anderton		
111.		5,622,170	04/22/1997	Schulz		
112.		5,627,873	05/1997	Hanover et al.		
113.		5,630,431	05/20/1997	Taylor		
114.		5,638,819	06/17/1997	Manwaring et al.		
115.		5,642,395	06/1997	Anderton et al.		
116.		5,647,361	07/15/1997	Damadian		
117.		5,662,111	09/02/1997	Cosman		
118.		5,664,001	09/1997	Tachibana et al.		
119.		5,676,673	10/14/1997	Ferre et al.		
120.		5,682,886	11/04/1997	Delp et al.		
121.		5,690,108	11/1997	Chakeres		

Examiner:	Date Considered:

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### PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE CITATION

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ATTORNEY DOCKET No.	SERIAL NO.
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July 14, 2003	To Be Assigned
	5074A-000060/CPA  APPLICANT  Verard, et al.  Filing Date

U.S. PATENT DOCUMENTS						
Ref. Desig.	Examiner's Initials	Document Number	Date	Name	Class/ Subclass	(If appropriate) Filing Date
122.		5,695,500	12/09/1997	Taylor et al.		
123.		5,695,501	12/09/1997	Carol et al.		
124.		5,711,299	01/27/1998	Manwaring et al.		
125.		5,715,836	02/10/1998	Kliegis et al.		
126.		5,748,767	05/1998	Raab		
127.		5,749,362	05/12/1998	Funda et al.		
128.		5,755,725	05/26/1998	Druais		
129.		5,769,789	06/23/1998	Wang et al.		
130.		5,769,861	06/1998	Vilsmeier		
131.		5,772,594	06/1998	Barrick		
132.		5,795,294	08/18/1998	Luber et al.		
133.		5,799,055	08/1998	Peshkin et al.		
134.		5,800,535	09/01/1998	Howard, III		
135.		5,802,719	09/1998	O'Farrell, Jr., et al.		
136.		5,823,192	10/1998	Kalend et al.		
137.		5,823,958	10/20/1998	Truppe		
138.		5,828,725	10/27/1998	Levinson		
139.		5,833,608	11/10/1998	Acker		
140.		5,834,759	11/10/1998	Glossop		
141.		5,836,954	11/1998	Heilbrun et al.		

Examiner:	Date Considered:

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FORM HDP-1449 (Based on Form PTO-1449)

## PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE CITATION

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ATTORNEY DOCKET NO.	SERIAL NO.		
5074A-000060/CPA	10/619,216		
APPLICANT			
Verard, et al.			
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July 14, 2003	To Be Assigned		

U.S. PATENT DOCUMENTS						
Ref. Desig.	Examiner's Initials	Document Number	Date	Name	Class/ Subclass	(If appropriate) Filing Date
142.		5,848,967	12/15/1998	Cosman		
143.		5,851,183	12/1998	Bucholz		
144.		5,868,675	02/09/1999	Henrion et al.		
145.		5,871,445	02/1999	Bucholz		
146.		5,871,487	02/16/1999	Warner et al.		
147.		5,891,034	04/1999	Bucholz		
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149.		5,904,691	05/18/1999	Barnett et al.		
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